# INDEX FOR VOLUME 85

New scientific names are in **bold face.**


Acer saccharum Marshall ssp. saccharum. Relationships of two isolated groups of in west central Oklahoma to eastern and western species, 439–456

Adams, Ralph M. *see* Sauleda, Ruben P.

Adams, Robert P. *see* Dent, Thomas, C.

Adiantum pedatum L. ssp. calderi, a new subspecies in northeastern North America. 93–96

Adiantum pedatum L. ssp. caleri Cody. Note on. 389–390

**Adiantum pedatum** L. ssp. **calderi** *ssp. nov.* 93

Agalinis maritima (Raf.) Raf. in Maine. Note on the status of, 267–269

Alaska. Range extensions of vascular plants from the Seward Peninsula, northwest 371–379

Anatomy of the pericarp of Clibadium, Desmanthodium, and Ichthyothere (Compositae, Heliantheae) and systematic implications. 213–227

Andropogon (Gramineae). Wind dispersal of some North American species of, 65–72

Apis mellifera, as pollinating agent of Sarracenia flava L. 405–420

(Araliaceae). Contributions to the reproductive biology of Panax trifolium L. 97–113

(Asteraceae). Cytological and morphological observations in Galinsoga and related genera, 355–366

Bahama Archipelago. The genus Encyclia Hook. (Orchidaceae) in the, 127–174

Blair, Stephen M. Taxonomic treatment of the Chaetomorpha and Rhizoclonium species (Cladophorales: Chlorophyta) in New England. 175–211

Blue-green algae collections of J. C. Strickland. Jamaican, 381–383

Bogle, A. Linn. Discoid heads: An inheritable trait in Chrysanthemum leucanthemum L. 461–464

Bombus, as pollinators of Sarracenia flava L., 405–420

Brooks, Ralph E. Trifolium stoloniferum, Running Buffalo Clover: Description, distribution, and current status. 343–354

Bryophyte flora in the Commonwealth of Mass. summarized as to numbers documented in the literature, 421–432

Bryophytes. Distributional studies of in Massachusetts, 421–432

Campbell, Christopher S. Wind dispersal of some North American species of Andropogon (Gramineae). 65–72

Canne, Judith M. Cytological and morphological observations in Galinsoga and related genera (Asteraceae) 355–366

Cantino, Philip D., and Thomas G. Lammers. Physostegia virginiana var. arenaria Shimek, an overlooked name. 263–264

Carex crinita and C. genandra (Cyperaceae). A clarification of the status of, 229–241

Carex kobomugi Owhi, an adventive sedge new to New England. 265–267

Chaetomorpha & Rhizoclonium 175–211. Chaetomorpha 176; keys: Chaetomorpha 177, Chaetomorpha/Rhizoclonium 176, Rhizoclonium 198; Rhizoclonium 197; tables: cellular dimensions of representative species 208, chromosome numbers of some species 208, dimensions of C. cannbina given in literature 195; taxo-

nomic histories (with species descriptions): Chaetomorpha aerea 187, brachygona 192, linum 178, melagonium 190, minima 195, piquotiana 181. Rhizoclonium riparium 203, tortuosum 198. Chaetomorpha and Rhizoclonium species (Cladophorales: Chlorophyta) in New England. Taxonomic treatment of the. 175–211

Chlorophyceae in New Hampshire. The composition and seasonal periodicity of the marine-estuarine. 275–299

Chromosomal typification of Sisyrinchium bermudiana L. (Iridaceae). 257–258

Chromosomes of Mexican Sedum IV. Heteroploidy in Sedum moranense. 243–252

Chrysanthemum leucanthemum L., Discoid heads: An inheritable trait in. 461–464

Clarification of the status of Carex crinita and C. gynandra (Cyperaceae). A. 229–241

Clibadium, Desmanthodium, and Ichthyothere (Compositae, Heliantheae) and systematic implications. Anatomy of the pericarp of. 213–227

Cody, William J. Adiantum pedatum ssp. calderi, a new subspecies in northeastern North America. 93–96

Composition and seasonal periodicity of the marine-estuarine Chlorophyceae in New Hampshire. The. 275–299

Contributions to the reproductive biology of Panax trifolium L. (Araliaceae). 97–113

Correct author citation for Senecio werneriaefolius. 228

Crow, Garrett E. *see* Philbrick, C. Thomas

Cytological and morphological observations in Galinsoga and related genera (Asteraceae). 355–366

Dent, Thomas C. and Robert P. Adams. Relationships of two isolated groups of sugar maples (Acer saccharum Marshall ssp. saccharum) in west central Oklahoma to eastern and western species. 439–456

Desmanthodium, and Ichthyothere (Compositae, Heliantheae) and systematic implications. Anatomy of the pericarp of Clibadium, 213–227

Discoid heads: An inheritable trait in Chrysanthemum leucanthemum L. 461–464

Discoid heads, noted in normally radiate taxa of Bidens pilosa L., Senecio vulgaris L., S. squalidus L., Layia glandulosa (Hook.) H. & A., 461–464

Distribution of Podostemum ceratophyllum Michx. (Podostemaceae). 325–341

Distribution of three rare plants on islands in Machias Bay, Maine. 385–388

Distributional studies of Massachusetts bryophytes. 421–432

Edwards, J. M. *see* Zavada, Michael

Ellmore, George S., Susan C. Lee and Norton H. Nickerson. Plasticity expressed by root ground tissues of Rhizophora mangle L. (Red mangrove). 397–403

Encyclia Hook. (Orchidaceae) in the Bahama Archipelago. The genus, 127–174

Encyclia 127–174. Hybrids 169; key 128; tables: distribution in the Bahamas 129, species & habitats 133; taxonomic treatment 128: E. boothiana var. boothiana 131; var. erythroniodies 134; caicencis 136; cochleata var. cochleata 139; var. triandra 142; fehlingii 144; fucata 146; gracilis 149; hodeana 151; inaguensis 155; plicata 157; rufa 159; selli-

gera 163; tampensis 165; withneri 167; × bajamarensis 169; × lucayana 171.
Erratum, Jan 1983 issue (Vol. 85, No. 841). 212

Farrar, Donald R., James C. Parks and Bruce W. McAlpin. The fern genera Vittaria and Trichomanes in the northeastern United States. 83–92
Fern genera Vittaria and Trichomanes in the northeastern United States. The, 83–92
Fringed Polygala. A note on the growth habit of, 457–460

Galinsoga and related genera (Asteraceae). Cytological and morphological observations in, 355–366
Gawler, Susan C. Note on Adiantum pedatum L. ssp. calderi Cody. 389–390
Genus Encyclia Hook. (Orchidaceae) in the Bahama Archipelago. The, 127–174
(Gramineae). Wind dispersal of some North American species of Andropogon, 65–72
Growth habit of Fringed Polygala. A note on, 457–460

Hayden, W. John. Jamaican blue-green algae collections of J. C. Strickland. 381–383
Hehre, Edward J. *see* Mathieson, Arthur C.
Hill, L. Michael. Chromosomal typification of Sisyrinchium bermudiana L. (Iridaceae). 257–258

Ichthyothere (Compositae, Heliantheae) and systematic implications. Anatomy of the pericarp of Clibadium, Desmanthodium, and, 213–227
Instructions to contributors to Rhodora. Cover iii, No. 842, No. 843
(Iridaceae). Chromosomal typification of Sisyrinchium bermudiana L., 257–258

Jamaican blue-green algae collections of J. C. Strickland. 381–383
Judd, Walter S. Kalmia ericoides revisited. 45–54

Kalmia ericoides 45–54. Distribution map 53; key 51; tables: comparative treatment ... by various botanists 46, variation ... within Cuban taxa of Kalmia 47; K. ericoides 49, var. aggregata 52, var. ericoides 51.
Kalmia ericoides revisited. 45–54
(Kalmia latifolia L.) distribution in Massachusetts. Mountain laurel, 115–122
Kelso, Sylvia. Range extensions of vascular plants from the Seward Peninsula, northwest Alaska. 371–379

LaFrankie, James V. Jr. A note on the growth habit of fringed Polygala. 457–460
Lammers, Thomas G. *see* Cantino, Philip D.
Lee, Susan C. *see* Ellmore, George S.
Les, Donald H. Taxonomic implications of aneuploidy and polyploidy in Potamogeton (Potamogetonaceae) 301–323
Leucanthemum vulgare Lam., as a synonym for Chrysanthemum leucanthemum L., demonstrating discoid heads, 461–464
Lewis, Alan J. Distribution of three rare plants on islands in Machias Bay, Maine. 385–388
Literature for New England Botanists. 125, 270, 395, 396
Liu, Ho-Yih *see* Steussy, Tod F.
Lophiola aurea Ker-Gawler. On the taxonomic status of, 73–81

Maine. Distribution of three rare plants on islands in Machias Bay, 385–388
Maine. Note on the status of Agalinis maritima (Raf.) Raf. in, 267–269
Mangrove. Plasticity of root anatomy expressed in Red, 397–403
Marine-estuarine Chlorophyceae in New Hampshire. The composition and seasonal periodicity of the, 275–299
Massachusetts. Distributional studies of Bryophytes in, 421–432
Massachusetts. Mountain laurel (Kalmia latifolia L.) distribution in, 115–122
Massachusetts and Vermont. Triphora trianthophora in, 123–124
Mathieson, Arthur C. & Edward J. Hehre. The composition and seasonal periodicity of the marine-estuarine Chlorophyceae in New Hampshire. 275–299
McAlpin, Bruce W. *see* Farrar, Donald R.
Mehrhoff, Leslie J. Sclerolepis uniflora (Compositae) in New England. 433–438
Mexican Sedum IV. Heteroploidy in Sedum moranense. Chromosomes of, 243–252
Miller, Norton G. *see* Mishler, Brent D.
Mishler, Brent D. Book Review: An illustrated moss flora of the Maritimes. 391–394
Mishler, Brent D. and Norton G. Miller. Distributional studies of Massachusetts bryophytes. 421–432
Mountain laurel (Kalmia latifolia L.) distribution in Massachusetts. 115–122

National historical distribution of Platanthera peramoena (A. Gray) A. Gray (Orchidaceae) and its status in Ohio. The, 55–64
New England. Carex kobomugi Owhi, an adventive sedge new to, 265–267
New England. Sclerolepis uniflora (Compositae) in, 433–438
New England. Taxonomic treatment of the Chaetomorpha and Rhizoclonium species (Cladophorales: Chlorophyta) in, 175–211
New England Notes:
Carex kobomugi Owhi, an adventive sedge new to New England. 265–267
Distribution of three rare plants on islands in Machias Bay, Maine. 385–388
Note on Adiantum pedatum L. ssp. calderi Cody. 389–390
Note on the status of Agalinis maritima (Raf.) Raf. in Maine. 267–269
Triphora trianthophora in Massachusetts and Vermont. 123–124
New Hampshire. The composition and seasonal periodicity of the marine-estuarine Chlorophyceae in, 275–299
Nickerson, Norton H. *see* Ellmore, George S.
North America. Adiantum pedatum ssp. calderi, a new subspecies in northeastern, 93–96
North American species of Andropogon (Gramineae). Wind dispersal of some, 65–72
North Carolina. Notes on the pollination of Sarracenia flava L. (Sarraceniaceae) in the Piedmont province of, 405–420
Note on the growth habit of fringed Polygala, A. 457–460
Note on the status of Agalinis maritima (Raf.) Raf. in Maine. 267–269
Notes on the pollination of Sarracenia flava L. (Sarraceniaceae) in the Piedmont province of North Carolina. 405–420
Notices of publication:
Genera of the Western plants. 126
New England's Rare, Threatened and Endangered Plants 242

The Flora of New England, 2nd. edition 126
Notice of 1983 Sino-American Botanical Expedition. 273
Numerical taxonomy of sugar maples, Acer saccharum Marshall ssp. saccharum, from two isolated groups in west central Oklahoma, 439–456

Ohio. The national historical distributuion of Platanthera peramoena (A. Gray) A. Gray (Orchidaceae) and its status in, 55–64
O'Keefe, John F. *see* Wilson, Brayton F.
Oklahoma, west central, Relationships of two isolated groups of sugar maples (Acer saccharum Marshall ssp. saccharum) in, to eastern and western species, 439–456
On the taxonomic status of Lophiola aurea Ker-Gawler. 73–81
(Orchidaceae) in the Bahama archipelago. The genus Encyclia Hook., 127–174

Panax trifolium L. (Araliaceae). Contributions to the reproductive biology of, 97–113
Parks, James C. *see* Farrar, Donald R.
Patches, clones and self-fertility of Mayapples (Podophyllum peltatum L.) 253–256
Philbrick, C. Thomas. Contributions to the reproductive biology of Panax trifolium L. (Araliaceae). 97–113
Phibrick, C. Thomas and Garrett E. Crow. Distribution of Podostemum ceratophyllum Michx. (Podostemaceae). 325–341
Physostegia virginiana var. arenaria Shimek, an overlooked name. 263–264
Piedmont province of North Carolina. Notes on the pollination of Sarracenia flava L. (Sarraceniaceae) in the, 405–420
Plasticity expressed by root ground tissues of Rhizophora mangle L. (Red mangrove). 397–403
Platanthera peramoena (A. Gray) A. Gray (Orchidaceae) and its status in Ohio. The national historical distribution of, 55–64
(Podophyllum peltatum L.). Patches, clones and self-fertility of Mayapples, 253–256
Podostemum ceratophyllum Michx. (Podostemaceae). Distribution of, 325–341
Policansky, David. Patches, clones and self-fertility of Mayapples (Podophyllum peltatum L.) 253–256
Polygala, Fringed. A note on the growth habit of, 457–460
Polygala paucifolia. A note on the growth habit of, 457–460
Potamogeton (Potamogetonaceae). Taxonomic implications of aneuploidy and polyploidy in, 301–323
Principal coordinate evidence for relationships between sugar maples of west central Oklahoma and their eastern and western relatives. 439–456
Pseudocrossidium hornschuchianum (Bryophyta), second collection of in the New World 421–432

Range extensions of vascular plants from the Seward Peninsula, northwest Alaska. 371–379
Rare plants on islands in Machias Bay, Maine. Distribution of three, 385–388
Relationships of two isolated groups of sugar maples (Acer saccharum Marshall ssp. saccharum) in west central Oklahoma to eastern and western species. 439–456
Reproductive biology of Panax trifolium L. (Araliaceae). Contributions to the, 97–113

Rhizoclonium species (Cladophorales: Chlorophyta) in New England. Taxonomic treatment of the Chaetomorpha and, 175–211
Rhizophora mangle L. (Red mangrove). Plasticity expressed by root ground tissues of, 397–403
Root anatomy. Plasticity expressed by root ground tissues of Rhizophora mangle L. (Red mangrove). 397–403
Running Buffalo Clover: description, distribution, and current status. Trifolium stoloniferum, 343–354

Sarcophaga sarraceniae, as pollinating agent of Sarracenia flava L., 405–420
Sarracenia flava L. (Sarraceniaceae) in the Piedmont province of North Carolina. Notes on the pollination of, 405–420
Sauleda, Ruben P., and Ralph M. Adams. The genus Encyclia Hook. (Orchidaceae) in the Bahama Archipelago. 127–174
Schnell, Donald E. Notes on the pollination of Sarracenia flava L. (Sarraceniaceae) in the Piedmont province of North Carolina. 405–420
Sclerolepis uniflora (Compositae) in New England. 433–438
Scudderia pistillata, Bush-katydid, as a forager on Aster umbellatus causing seemingly discoid heads. 461–464
Sedum IV. Heteroploidy in Sedum moranense. Chromosomes of Mexican, 243–252
Sedum pusillum Michx. and Senecio tomentosus Michx. The type locality of, 259–261
Senecio gracilis Pursh. The type locality of, 367–369
Senecio tomentosus Michx. The type locality of Sedum pusillum Michx. and, 259–261
Senecio werneriaefolius. Correct author citation for, 228
Seward Peninsula, northwest Alaska. Range extensions of vascular plants from the, 371–379
Shelly, John S. *see* Spooner, David M.
Sisyrinchium bermudiana L. (Iridaceae). Chromosomal typification of, 257–258
Spooner, David M. and John Steven Shelly. The national historical distribution of Platanthera peramoena (A. Gray) A. Gray (Orchidaceae) and its status in Ohio. 55–64
Standley, Lisa A. A clarification of the status of Carex crinita and C. gynandra (Cyperaceae) 229–241
Standley, Lisa A. Carex kobomugi Owhi, an adventive sedge new to New England. 265–267
Statement of ownership. Inside back cover, No. 844
Steussy, Tod F., and Ho-Yih Liu. Anatomy of the pericarp of Clibadium, Desmanthodium and Ichthyothere (Compositae, Heliantheae) and systematic implications. 213–227
Strickland, J. C. *see* Hayden, W. John

Taxonomic implications of aneuploidy and polypoidy in Potamogeton (Potamogetonaceae). 301–323
Taxonomic treatment of the Chaetomorpha and Rhizoclonium species (Cladophorales: Chlorophyta) in New England. 175–211
Taxonomy of Vaccinium § Oxycoccus. The, 1–43
Trichomanes in the northeastern United States. The fern genera Vittaria and, 83–92
Trifolium stoloniferum, Running Buffalo Clover: description, distribution and current status. 343–354
Triphora trianthophora in Massachusetts and Vermont. 123–124

Tubers in Polygala paucifolia, vegetative reproduction by. 457–460
Type locality of Sedum pusillum Michx. and Senecio tomentosus Michx. The. 259–261
Type locality of Senecio gracilis Pursh. The. 367–369

Uhl, Charles H. Chromosomes of Mexican Sedum IV. Heteroploidy in Sedum moranense. 243–252
United States. The fern genera Vittaria and Trichomanes in the northeastern. 83–92
Uttal, Leonard J. Correct author citation for Senecio werneriaefolius. 228
Uttal, Leonard J. The type locality of Sedum pusillum Michx. and Senecio tomentosus Michx. 259–261
Uttal, Leonard J. The type locality of Senecio gracilis Pursh. 367–369

Vaccinium § Oxycoccus 1–43. Dendrogram 18–19; key 25; PCA 20; Tables: comparison of morphological characters used ... 2–3, difference in germination-17, germination characters of V. macrocarpon 32–33, germination characteristics of V. oxycoccus 36–37, morphological comparison of selected attributes 13; Taxonomy 23; Vaccinium § Oxycoccus 23; V. macrocarpon 25; V. oxycoccus 29.
Vaccinium § Oxycoccus. The taxonomy of. 1–43
Vander Kloet, S. P. The taxonomy of Vaccinium § Oxycoccus. 1–43
Vermont. Triphora trianthophora in Massachusetts and. 123–124
Vickery, Barbara St. John, and Peter D. Vickery. Note on the status of Agalinis maritima (Raf.) Raf. in Maine. 267–269
Vickery, Peter D. *see* Vickery, Barabara St. John
Vittaria and Trichomanes in the northeastern United States. The fern genera. 83–92

Wilson, Brayton F. and John F. O'Keefe. Mountain laurel (Kalmia latifolia L.) distribution in Massachusetts. 115–122
Wind dispersal of some North American species of Andropogon (Gramineae) 65–72

Xu, Xue-Lin *see* Zavada, Michael

Zavada, Michael, Xue-Lin Xu and J. M. Edwards. On the taxonomic status of Lophiola aurea Ker-Gawler. 73–81
Zika, Peter. F. Triphora trianthophora in Massachusetts and Vermont. 123–124